PATENT APPLICATION FEE DETERMINATION RECORD 10811432 Effective October 1, 2003 **CLAIMS AS FILED - PART I** SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE ___ OR SMALL ENTITY **TOTAL CLAIMS** RATE FEE RATE FEE FOR NUMBER FILED NUMBER EXTRA BASIC FEE 770.00 385.00 BASIC FEE OR TOTAL CHARGEABLE CLAIMS minus 20= XS 9= X\$18-OR INDEPENDENT CLAIMS minus 3 = X43= X86= OR MULTIPLE DEPENDENT CLAIM PRESENT +145a +290a OR * If the difference in column 1 is less than zero, enter "o" in column 2 TOTAL OR TOTAL CLAIMS AS AMENDED - PART II OTHER THAN SMALL ENTITY SMALL ENTITY (Column 1) (Column 2) OR (Column 3) CLAMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT RATE TIONAL AFTER PLATE TIONAL AMENDMENT PREVIOUSLY EXTRA AMENDMENT PAID FOR FEE FEE Minus 0 XS 9= XS18a OR Independent Minus X43= X86= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +145= +290= OR 2/28/07 TOTAL YOYAL OR ADDIT, FEE ADDIT, FÉE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST 8 ADDI-ADDI-REMAINING NUMBER PRESENT AFTER RATE TIONAL PREVIOUSLY RATE TIONAL EXTRA AMENDMENT PAID FOR FEE FEE Total Minus X\$ 9= XS18= OR Independent Minus X43= X86= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +145= +290= OR TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST U REMAINING ADDI-NUMBER PRESENT ADD1-MENDMENT AFTER PREVIOUSLY TIONAL RATE RATE TIONAL EXTRA **AMENDMENT** PAID FOR FEE FEE Total Minus XS 9-X\$18= OR Independent Minus X43= X86= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +145s +290a OR If the entry in column 1 is less than the entry in column 2, write "U" in column 3. TOTAL ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." *** This the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." ** OR ADDIT FEE The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

FORM PTO-678 (Rev. 1000)

Perent and Tradefant Office, U.S. DEPARTMENT OF COMMERCE

Application or Docket Number